

enclosing the solid core material and the activatable foamable material with an outer plate to form an assembly with a defined cavity inside said outer plate;

passing the assembly to a corrosion treatment bath and subjecting all interior areas of the assembly to a corrosion protection agent; and

subsequently passing the assembly to a drying oven for heating and, thereby, initiating foaming of the activatable foamable material at least partly filling the defined cavity.

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Cont

Claim 2 (amended). The method according to claim 1, wherein the cavity is defined between the outer plate and the activatable foamable material.

Claim 3 (amended). The method according to claim 1, wherein the cavity is completely filled by foaming the activatable foamable material

Claim 9 (amended). The method according to claim 1, which comprises forming the cavity between the activatable foamable material and the outer plate with spacers formed on the activatable foamable material.

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Claim 10 (amended). The method according to claim 1, wherein the coating step comprises coating the solid core material with the activatable foamable material only in some areas.

Claim 15 (thrice amended). A hollow section, comprising:

a solid core material formed of a material selected from the group consisting of foamed metallic material, unfoamed metallic material, synthetic material reinforced with fibers selected from the group consisting of metal fibers, carbon fibers, and glass fibers;

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an activatable foamable material enclosing said solid core material;

an outer plate enclosing said solid core material and said activatable foamable material to form an assembly with a defined cavity inside said outer plate; and

a corrosion protection agent applied to all interior areas of said assembly before heating said assembly and, thereby, initiating foaming of the activatable foamable material at least partly filling said defined cavity.
